MMM	MMM	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	
MMM	MMM	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	
MMM	MMM	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	
MMMMMM	MMMMMM		PP
MMMMM	MMMMMM		PP
MMMMMM	MMMMMM		PP
2 22 22 22 22 22 22	MMM MMM		PP
	MMM MMM		PP
	MMM MMM		PP
MMM	MMM	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	rr
MMM	MMM	PPPPPPPPPPP	
MMM	MMM	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	
MMM		PPP	
	MMM		
MMM	MMM	PPP	

MM MM MMMM MMM MMMMM MMM MMMMM MM MM MM	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	
MM	AAAAAAAAAA AA AA AA AA	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP

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2 2 2

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M M M

MM

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Object Module Synopsis !

Module Name	Ident	Bytes	File		Creation Date	Creator
MPDAT MPINIT	V04-000 V04-000	2276 819	\$255\$DUA28:[MP.OBJ]MP.OLB;1	16-SEP-1984 02:00 16-SEP-1984 02:03	VAX/VMS Macro V04-00 VAX/VMS Macro V04-00
MPINT MPINTEXC	V04-000 V04-000	619 568 482 338	_\$255\$DUA28:[MP.OBJ]MP.OLB;1	16-SEP-1984 02:04	VAX/VMS Macro VO4-00
MPCMOD MPWAIT MPLOAD	V04-000 V04-000 V04-000	338 1753	-\$255\$DUA28:[-\$255\$DUA28:[MP.OBJ]MP.OLB:1 MP.OBJ]MP.OLB:1 MP.OBJ]MP.OLB:1	16-SEP-1984 02:08 16-SEP-1984 02:09 16-SEP-1984 02:05	VAX/VMS Macro V04-00 VAX/VMS Macro V04-00 VAX/VMS Macro V04-00
MPAST MPPWRFAIL	V04-000 V04-000	290 112	\$255\$DUA28:[\$255\$DUA28:[MP.OBJ]MP.OLB;1 MP.OBJ]MP.OLB;1	16-SEP-1984 02:05 16-SEP-1984 01:59 16-SEP-1984 02:01	VAX/VMS Macro V04-00 VAX/VMS Macro V04-00
MPSCBVEC MPSCHED MPTIMER	V04-000 V04-000 V04-000	1753 290 112 512 532 202 189	\$255\$DUA28:[\$255\$DUA28:[\$255\$DUA28:[MP.OBJ]MP.OLB;1 MP.OBJ]MP.OLB;1	16-SEP-1984 02:01 16-SEP-1984 02:07 16-SEP-1984 02:07	VAX/VMS Macro V04-00 VAX/VMS Macro V04-00 VAX/VMS Macro V04-00
MPERRLOG MPMCHECK	V04-000 V04-000	189 1477	-\$255\$DUA28:[-\$255\$DUA28:[MP.OBJJMP.OLB;1 MP.OBJJMP.OLB;1 MP.OBJJMP.OLB;1 MP.OBJJMP.OLB;1 MP.OBJJMP.OLB;1 SYSOBJJSYS.STB;1 SYSOBJJSYS.STB;1	16-SEP-1984 02:04 16-SEP-1984 02:09 16-SEP-1984 02:05 16-SEP-1984 02:05 16-SEP-1984 02:01 16-SEP-1984 02:01 16-SEP-1984 02:07 16-SEP-1984 02:07 16-SEP-1984 02:07 16-SEP-1984 02:11 16-SEP-1984 02:11 16-SEP-1984 02:15 16-SEP-1984 02:15 16-SEP-1984 02:15 16-SEP-1984 01:20 16-SEP-1984 01:20 16-SEP-1984 01:20 16-SEP-1984 01:08	VAX/VMS Macro V04-00 VAX/VMS Macro V04-00
XDELTA MPERRMSG SYS	V04-000 V04-000	2090 351	\$255\$DUA28:[\$255\$DUA28:[MP.OBJ]MP.OLB;1 MP.OBJ]MP.OLB;1	16-SEP-1984 02:02 16-SEP-1984 02:15 16-SEP-1984 04:00	VAX/VMS Macro V04-00 VAX-11 Message V04-00
CLISINTERFACE CLISGLOBALS	V04-000 V04-000	516	-\$255\$DUA28:[-\$255\$DUA28:[SYSLIBISTARLET.OLB:	2 16-Sep-1984 00:32 2 15-SEP-1984 23:38	VAX-11 Linker V04-00 VAX-11 Bliss-32 V4.0-742 VAX/VMS Macro_V04-00
LIBSVM LIBSPUT OUTPUT	2-046 1-006	676 262	\$255\$DUA28:[\$255\$DUA28:[SYSLIBISTARLET.OLB; SYSLIBISTARLET.OLB; SYSLIBISTARLET.OLB; SYSLIBISTARLET.OLB;	2 16-Sep-1984 01:20 16-Sep-1984 01:08	VAX-11 Bliss-32 V4.0-742 VAX-11 Bliss-32 V4.0-742
LIBSMSGDEF SYSSPRDEF STRSANALYZE_SDE	2-018 V04-000 SC	8	_\$255\$DUA28:[SYSLIBJSTARLET.OLB;	15-SEP-1984 23:43 16-SEP-1984 00:59	VAX-11 Message V04-00 VAX/VMS Macro V04-00
STRSCOPY	1-004	672	_\$255\$DUA28:[_\$255\$DUA28:[SYSLIB]STARLET.OLB: SYSLIB]STARLET.OLB: SYSLIB]STARLET.OLB:	2 16-SEP-1984 00:34 16-Sep-1984 01:35	VAX/VMS Macro V04-00 VAX-11 Bliss-32 y4.0-742
STR\$MSGDEF SYS\$P1_VECTOR LIB\$ANĀLYZE_SDE	2-005 V04-000 SC	0	_\$255\$DUA28: [SYSLIBJSTARLET.OLB;	2 16-SEP-1984 00:40	VAX-11 Message V04-00 VAX/VMS Macro V04-00
LIB\$SIGNAL	1-003 1-018	101 220	-\$255\$DUA28:[-\$255\$DUA28:[SYSLIB]STARLET.OLB: SYSLIB]STARLET.OLB: SYSLIB]STARLET.OLB: SYSLIB]STARLET.OLB:	2 15-SEP-1984 23:47 16-SEP-1984 00:18	VAX/VMS Macro V04-00 VAX/VMS Macro V04-00
LIBSMSGDEF STR\$SALLOC STR\$SMOVQ	2-018 1-012 1-003	498	-\$255\$DUA28:[-\$255\$DUA28:[SYSLIBISTARLET.OLB: SYSLIBISTARLET.OLB: SYSLIBISTARLET.OLB:	16-SEP-1984 00:18 15-SEP-1984 23:43 16-SEP-1984 01:26 16-SEP-1984 00:35	VAX-11 Message V04-00 VAX-11 Bliss-32 V4.0-742 VAX/VMS Macro V04-00
SYSSP1_VECTOR	V04-000	Ó	_\$255\$DUA28:[SYSLIBISTARLET.OLB;	16-SEP-1984 00:40	VAX/VMS Macro VO4-00

! Image Section Synopsis !

Cluster	Туре	Pages	Base Addr	Disk VBN PF	C	Prote	ction	and Paging		Global Sec. Name	Match	Majorid	Minorid	
LOADABLE	0	22	00000000	2	0	READ	WRITE	COPY ON	REF					
OTHER	0	3	00002000	24	0	READ	WRITE	COPY ON	REF					
LIBRTN	0	1 6	00003200 00003400	27	00	READ	WRITE	DEMAND ZER	80					
DEFAULT_CLUSTER	253	1 20	P-0004000 00004200 7FFFD800	33 34 0	000	READ READ READ	ONLY WRITE WRITE	FIXUP VE DEMAND ZER	CTOR	s				

Key for special characters above:

R - Relocatable P - Protected

! Program Section Synopsis !

Psect Name	Module Name	Base	End	Length	Align	Attributes			
SSSSSBEGIN	MPLOAD	00000000	000000AB 000000AB	000000AC (172.) PAGE 9	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
SSSSMPDATA	MPDAT MPMCHECK	000000B0 000000B0 00000198	00000193	00000118 (000000E4 (00000030 (280.) QUAD 3 228.) LONG 2 48.) QUAD 3	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
\$\$\$00SCB	MPSCBVEC		000003FF 000003FF	00000200 (512.) PAGE 9	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
\$\$\$ERLBUF	MPDAT		000007FF 000007FF	00000400 (1024.) QUAD 3 1024.) QUAD 3	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
SSSINTSTK	MPDAT		00000BFF 00000BFF		1024.) LONG 2 1024.) LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
\$AAEXENONPAGED	MPINIT	00000000	00000F32 00000F32	00000333 (819.) PAGE 9 819.) PAGE 9	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
\$AEXENONPAGED	MPPWRFAIL	00000F34 00000F34	00000FA3 00000FA3	00000070 (112.) LONG 2 112.) LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
\$AE XNONPAGED	MPINTEXC MPLOAD	00000FA4	000011DB	00000289 (00000238 (00000051 (649.) LONG 2 568.) LONG 2 81.) LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
ASEXENONPAGED	MPAST MPTIMER	00001230 00001230 00001354	0000141D 00001351 0000141D	000001EE (00000122 (000000CA (494.) LONG 2 290.) LONG 2 202.) LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
AEXENONPAGED	MPINT MPWAIT MPSCHED	00001420 00001420 0000168B 000017E0	000017DC	00000504 (0000026B (00000152 (00000214 (1492.) LONG 2 619.) LONG 2 338.) BYTE 0 532.) LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD.	WRT, NOVEC
MP\$CMOD1	MPCMOD	000019F8 000019F8	00001B17 00001B17	00000120 (00000120 (288.) QUAD 3 288.) QUAD 3	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
MP\$CMOD2	MPCMOD	00001B18 00001B18	00001BD9 00001BD9	000000C2 (194.) BYTE 0 194.) BYTE 0	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD.	WRT, NOVEC
WIONONPAGED	MPERRLOG	00001BDA 00001BDA	00001C96 00001C96	000000BD (189.) BYTE 0 189.) BYTE 0	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
YSMPDATAO	MPMCHECK	00001C98 00001C98	00001CA9 00001CA9	00000012 (18.) LONG 2 18.) LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE,	RD,	WRT, NOVEC
YSMPDATA1		00001CAA	00001CBB	00000012 (NOPIC, USR, CON, REL, GBL, NOSHR,			

_\$255\$DUA28:[MP.	.OBJ]MP.EXE;1				16-SEP-19	84 04:14	VAX-11 Linker V04-00		Page
Psect Name	Module Name	Base	End	Lengt	h	Align	Attributes		
SMPDATA1	MPMCHECK	00001CAA 00001CAA	00001CBB 00001CBB	00000012 (18.) 18.)	BYTE 0	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE. RD	, WRT, NOVE
SMPDATA2	MPMCHECK	00001CBC 00001CBC	00001CC7 00001CC7	00000000 (12:3	LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE. RD	, WRT, NOVE
SMPDATA3	MPMCHECK	00001CC8 00001CC8	00001CD3 00001CD3	00000000 (12:3	LONG 2 LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE, RD	, WRT, NOVE
SMPDATA4	MPMCHECK	00001CD4 00001CD4	00001CDF 00001CDF	00000000 (, WRT, NOVE
YSMPCODE	MPMCHECK	00001CE0 00001CE0	00002220	0000054D (NOPIC, USR, CON, REL, GBL, NOSHR,		, WRT, NOVE
SDEBUGXDELTA	XDELTA	00002230	00002A59 00002A59	0000082A (NOPIC, USR, CON, REL, GBL, NOSHR,		, WRT, NOVE
END	MPLOAD	00002000	00002000	00000000 (NOPIC, USR, CON, REL, GBL, NOSHR,		, WRT, NOVE
MPLOAD	MPLOAD	00002000	000031DB 000031DB	000005DC (NOPIC, USR, CON, REL, GBL, NOSHR,		, WRT, NOVE
LIB\$DATA	LIB\$VM LIB\$PUT_OUTPUT	00003240	00003243 0000323F 00003241	00000044 (00000040 (00000002 (68.)	LONG 2 LONG 2 LONG 2	PIC, USR, CON, REL, GBL, NOSHR, N		, WRT,NOVE
	LIB\$ANACYZE_SDES	00003244	00003244	00000000 (0.)	LONG 2			
STR\$DAT \	STRSANALYZE_SDES	C		000000FC (LONG 2	PIC, USR, CON, REL, GBL, NOSHR, N	DEXE, RD	, WRT, NOVE
	STR\$\$ALLOC	00003244	00003244 0000333F	00000000 (000000FC (252.)	LONG 2			
CODE\$	CLISINTERFACE	00003400 00003400	00003603 00003603	00000204 (00000204 (516.) 516.)	LONG 2	NOPIC, USR, CON, REL, GBL, NOSHR,	EXE, RD	, NOWRT , NOVE
LIB\$CODE	LIB\$VM LIB\$PUT_OUTPUT	00003604	00003AAF 00003867 0000396B	000004AC (00000264 (00000104 (612.)	LONG 2 LONG 2 LONG 2	PIC, USR, CON, REL, GBL, SHR,	EXE, RD	,NOWRT,NOVE
	LIB\$ANATYZE_SDES	0000396C	000039D0 00003AAF	00000065 (000000DC (101.)	LONG 2			
STR\$CODE	CTDEANAL V7E CDE	00003AB0	00003EAF	00000400 (1024.)	LONG 2	PIC, USR, CON, REL, GBL, SHR,	EXE. RD	, NOWRT , NOVE
	STR\$ANALYZE_SDES STR\$COPY STR\$\$ALLOC STR\$\$MOVQ	00003AB0 00003B14	00003B10 00003DB3 00003EA9 00003EAF	00000061 (000002A0 (000000F6 (00000004 (246.)				

_\$255\$DUA28:[MP	.OBJ]MP.EXE;1				16-SEP-1984 04	:14	VAX-11 Linker V04-00	Page	5
Psect Name	Module Name	Base	End	Length	ALi	gn	Attributes		
\$\$\$000	MPCMOD	00004000 00004000	00004000 00004000	00000000 (0.) QUAD	3	NOPIC, USR, CON, REL, LCL, NOSHR, EXE,	RD, WRT,NO	OVEC
MSG\$AAAAAAAAAA	MPERRMSG	00004000 00004000	0000400F 0000400F	00000010 (16.) LONG 16.) LONG	2	PIC, USR, OVR, REL, LCL, NOSHR, NOEXE,	RD, NOWRT,	VEC
MSG\$AAAAAAAAAB	MPERRMSG	00004010 00004010	0000401 <u>3</u> 0000401 <u>3</u>	00000004 (4.) LONG	2	PIC, USR, CON, REL, LCL, NOSHR, NOEXE,	RD, NOWRT,	VEC
MSG\$AAAAAAAAAAC	MPERRMSG	00004014	00004017 00004017	00000004 (4.) LONG 4.) LONG	2	PIC, USR, OVR, REL, LCL, NOSHR, NOEXE,	RD, NOWRT,	VEC
MSG\$SECTION	MPERRMSG	00004018 00004018	0000415E 0000415E	00000147 (00000147 (327.) BYTE 327.) BYTE	0	PIC, USR, CON, REL, LCL, NOSHR, NOEXE,	RD, NOWRT,	VEC

! Symbol Cross Reference !

		+	+	
Symbol	Value	Defined By	Referenced By	
BUGS MPASYNCWRT BUGS MPBADMCK BUGS MPCHMONIS BUGS MPCHMVEC BUGS MPCHMVEC BUGS MPERHALT BUGS MPHALT BUGS MPHALT BUGS MPHALT BUGS MPHALT BUGS MPHOUSTKNV BUGS MPHOUSTWCS BUGS MPHOUSTWCS BUGS MPUNEXPINT BUGS MPUNEXPINT BUGS MPUNEXPINT BUGS MPUNEXPINT BUGS MPUNEXPINT BUGS MPUNEXPINT CLIS COMPONICATE CLIS CLIS CLIS CLIS CLIS CLIS CLIS CLIS	00000548 00000588 00000560 00000560 00000568 00000570 00000558 00000578 00000578 00000578 00000588 00000588 00000588 00000588 00000588 000003407 - R 00003407 - R 00003407 - R 00003507 - R 00003507 - R 00003507 - R 00003507 - R 00003507 - R	SYS	MPMCHECK MPINIT MPOMOD MPSCHED MPCMOD MPLOAD CLISINTERFACE	MPMC

CHECK

V

_\$255\$DUA28:[MP.0	BJJMP.EXE;1		D 11 16-SEP-1984 04:14	VAX-11 Linker V04-00	Page 10	
Symbol	Value	Defined By	Referenced By			
ERL\$VEC392 ERL\$VEC396 ERL\$VEC4	000010AC-R 000010B0-R 00000FA8-R 00000FCC-R 000010B4-R 000010BC-R 000010C0-R 000010C4-R 000010C8-R 000010CC-R 000010CC-R 000010D0-R	MPINTEXC MPINTEXC MPINTEXC	MPSCBVEC MPSCBVEC			
ERL\$VEC40 ERL\$VEC400 ERL\$VEC404 ERL\$VEC408	00001084-R 00001088-R	MPINTEXC	MPSCBVEC MPSCBVEC			
FRI SVELGIZ	000010BC-R 000010C0-R 000010C4-R	MPINTEXC MPINTEXC	MPSCBVEC MPSCBVEC MPSCBVEC MPSCBVEC MPSCBVEC MPSCBVEC			
ERL\$VEC416 ERL\$VEC420 ERL\$VEC424 ERL\$VEC428 ERL\$VEC432	000010C8-R 000010CC-R 000010D0-R	MPINTEXC MPINTEXC MPINTEXC	MPSCBVEC MPSCBVEC MPSCBVEC			
ERLSVEC44	000010D4-R 000010D8-R 00000FD0-R	MPINTEXC MPINTEXC MPINTEXC	MASCRAEC			
ERLSVEC440 ERLSVEC444 ERLSVEC448	000010DC-R 000010E0-R 000010A4-R	MPINTEXC MPINTEXC MPINTEXC	MPSCBVEC MPSCBVEC MPSCBVEC			
ERL\$VEC452 ERL\$VEC456 ERL\$VEC460	000010A8-R 000010AC-R 000010B0-R	MPINTEXC MPINTEXC MPINTEXC	MPSCBVEC MPSCBVEC MPSCBVEC			
ERL\$VEC448 ERL\$VEC452 ERL\$VEC456 ERL\$VEC460 ERL\$VEC464 ERL\$VEC468 ERL\$VEC472 ERL\$VEC476	000010DC-R 000010E0-R 000010A4-R 000010A8-R 000010AC-R 000010B0-R 000010B4-R 000010B8-R 000010BC-R	MPINTEXC	MPSCBVEC MPSCBVEC MPSCBVEC MPSCBVEC MPSCBVEC MPSCBVEC			
ERL\$VEC480	000010C0-R 00000FD4-R 000010C4-R 000010C8-R	MPINTEXC MPINTEXC MPINTEXC	MPSCBVEC			
ERL\$VEC484 ERL\$VEC488 ERL\$VEC492	000010C8-R 000010CC-R 000010D0-R 000010D4-R	MPINTEXC MPINTEXC MPINTEXC	MPSCBVEC MPSCBVEC MPSCBVEC			
ERL\$VEC500 ERL\$VEC504	000010D8-R		MPSCBVEC MPSCBVEC MPSCBVEC			
ERL\$VEC508 ERL\$VEC52 ERL\$VEC56	000010E0-R 00000FD8-R 00000FDC-R	MPINTEXC MPINTEXC MPINTEXC	MPSCBVEC MPSCBVEC MPSCBVEC MPSCBVEC			
ERL\$VEC64 ERL\$VEC68	00000FE4-R 00000FE8-R	MPINTEXC MPINTEXC MPINTEXC	WLZCRAFC			
ERL\$VEC76 ERL\$VEC8	00000FF0-R 00000FAC-R	MPINTEXC MPINTEXC	MDCCDVEC			
ERL\$VEC60 ERL\$VEC64 ERL\$VEC68 ERL\$VEC72 ERL\$VEC76 ERL\$VEC76 ERL\$VEC80 ERL\$VEC80 ERL\$VEC84 ERL\$VEC88	00000FF8-R 00000FFC-R	MPINTEXC MPINTEXC	MPSCBVEC			
ERLSVEC96 ERRS_LCLMEMUSED ERRS_MA780_REQ	000010DC-R 000010E0-R 00000FDC-R 00000FE0-R 00000FE4-R 00000FEC-R 00000FF0-R 00000FFC-R 00000FFC-R 00000FFC-R 00000FFC-R 00001000-R 00001000-R 0001000-R 000F801C 00EF801C 00EF800C 00000000	MPINTEXC	MPLOAD MPLOAD			
ERRS SHMDBLUSE EVTS AST EXESACVIOLAT	00EF800C 00000000 00000FC4-R	MPERRMSG SYS MPINTEXC	MPLOAD MPAST XDELTA	MPWAIT		

_\$255\$DUA28:[MP.OBJ	3MP.EXE;1		E 11 16-SEP-1984 04:14	VAX-11 Linker VO4	-00	Page	1
Symbol	Value	Defined By	Referenced By				
EXESALONONPAGED EXESBREAK EXESCMODEXEC EXESCMODEXECX EXESCMODKRNL EXESCMODSUPR EXESCMODUSER EXESCMODUSER EXESC CMSTKSZ EXESDEANONPAGED	8000A901 00000FD0-R 8000FC58 8000FC30 8000FE08 80004720 80004738 00000014 8000A9F9	SYS MPINTEXC SYS SYS SYS SYS SYS SYS SYS	MPLOAD XDELTA MPSCBVEC MPLOAD MPCMOD MPSCBVEC MPSCBVEC MPSCBVEC MPWAIT MPAST MPINTEXC	MPLOAD			
EXESEXCEPTION EXESGB_CPUDATA EXESGB_CPUTYPE EXESGL_ABSTIM EXESGL_CONFREGL EXESGL_FLAGS EXESGL_MCHKERRS EXESGL_MEMERRS EXESGL_MP EXESGL_MP	8000481B 80003F90 80003FA0	SYS SYS	MDINIT	XDELTA			
EXESGL_ABSTIM EXESGL_CONFREGL	80002B38 80002300	SYS SYS	MPTIMER MPMCHECK	MPWAIT			
EXESGL_FLAGS EXESGL_MCHKERRS	800029A0 80002C3C	SYS SYS	MPLOAD MPMCHECK	MPMCHECK			
EXESGL_MEMERRS EXESGL_MP	80002B38 80002300 800029A0 80002C3C 80002C40 80002C58	SYS SYS	MPLOAD MPTIMER MPMCHECK MPLOAD MPMCHECK MPMCHECK MPMCHECK	MPLOAD			
EXESGL_NUMNEXUS EXESGL_RPB	8000230C 80003F7C	SYS SYS	MPCMOD	MPINT	MPINTEXC		
EXESGL_SCB		SYS	MPLOAD MPINTEXC	MPWAIT MPLOAD			
EXESGL_SHBLIST EXESGL_TODR	80003F88 80002C2C 80003C08 80002B40	SYS SYS SYS	MPLOAD MPERRLOG	MPMCHECK	MPPWRFAIL		
EXESGQ_SYSTIME EXESGQ_TODCBASE EXESINIBOOTADP EXESMCHECK EXESMPSTART EXESREFLECT EXESROPRAND EXESSSFAIL EXESTBIT EXESV_CRDENABL EXESV_SSINHIBIT INISBRK INISROONLY INISWRITABLE LIBSSGL_FREVM_C LIBSSGL_FREVM_C LIBSSGL_WINUSE LIBSANALYZE_SDESC_RA	80003C00 8000352C 8000479C 00000C00-R 80017CF6 00000FBC-R 8000480C 00000FCC-R 00000006 00000013 00000F2D-R 8000EB6C	SYS SYS MPINIT SYS MPINTEXC SYS MPINTEXC SYS MPINIT SYS SYS MPINIT SYS SYS LIB\$VM LIB\$VM	MPERRLOG MPPWRFAIL MPERRLOG MPINT MPMCHECK MPLOAD MPCMOD XDELTA MPCMOD XDELTA MPMCHECK MPLOAD XDELTA MPHOAD MPLOAD MPLOAD	MPMCHECK	MPPWRFAIL		
LIBSGET OM LIBSPUT_OUTPUT	0000396C-R 2 00003981-R 0000378E-R 00003604-R 00003874-R	LIB\$ANALYZE_SDESC LIB\$ANALYZE_SDESC LIB\$VM LIB\$VM LIB\$PUT OUTPUT	LIBSPUT_OUTPUT CLISINTERFACE CLISINTERFACE MPLOAD	STR\$COPY STR\$\$ALLOC	STR\$COPY		
LIB\$SIGNAL LIB\$STOP LIB\$_BADBLOADR LIB\$_BADBLOSIZ LIB\$_FATERRLIB	000039DA-R 000039D4-R 00158264 0015826C 0015820C	LIB\$SIGNAL LIB\$SIGNAL LIB\$MSGDEF LIB\$MSGDEF LIB\$MSGDEF	STRSANALYZE_SDESC LIBSVM LIBSVM LIBSVM	STRSCOPY			

_\$255\$DUA28:[MP.OB	J]MP.EXE;1		F 11 16-SEP-1984 04:14	VAX-11 Linker VO	04-00	Page	12
Symbol	Value	Defined By	Referenced By				
LIBS_INSVIRMEM LIBS_INVSTRDES MCHKSGL LOG	00158214 00158224 00001F4E-R	LIB\$MSGDEF LIB\$MSGDEF MPMCHECK	LIBSANALYZE_SDESC				
LIBS_INSVIRMEM LIBS_INVSTRDES MCHKSGL_LOG MMGSFRE_TRYSKIP MMGSGL_SBICONF MMGSGL_SPTBASE MMGSPAGEFAULT	8000657E 80002308 80003F3C	SYS SYS SYS MPINTEXC	MPINT MPINTEXC MPLOAD XDELTA	MPLOAD	MPMCHECK		
MP\$ FACILITY MPH\$ASTDELCONT MPH\$ASTDELHK MPH\$BUGCHKHK MPH\$INVALIDHK MPH\$NEWLVLHK MPH\$QAST MPH\$QEMPTYCONT MPH\$RESCHED MPH\$SCHED MPS\$AB_MEMERR	00000FC8-R 000000EF 80009DAA 8000436A 80006576 8000A029 80009F68 80009DBE 8000A6A4 8000A6A4	MPERRMSG SYS SYS SYS SYS SYS SYS SYS	MPAST MPLOAD MPLOAD MPLOAD MPLOAD MPLOAD MPLOAD MPLOAD MPAST MPLOAD MPLOAD				
MPS\$ALCOCEMB MPS\$AL_CPUTIME	00000100-8	MPMCHECK MPERRLOG MPDAT	MPINTEXC MPTIMER	MPMCHECK			
MPS\$AL_ERLBUF1 MPS\$AL_ERLBUF2	00000404-R 00000604-R	MPDAT MPDAT	MPERRLOG MPERRLOG	MPINT MPINT			
MPS\$AL_ERLBUF2 MPS\$AL_INTSTK MPS\$AL_MPMBASE MPS\$ASTDEL MPS\$ASTNEWLVL MPS\$ASTSCHEDCHK MPS\$BEGIN	00000100-R 00000604-R 00000000-R 000000B0-R 00001150-R 00001318-R 000012F4-R	MPDAT MPDAT MPINTEXC MPAST MPAST MPLOAD	MPINIT MPINIT MPSCBVEC MPLOAD MPLOAD	MPINT	MPLOAD		
MPS\$BUGCHECK MPS\$CMODKRNL MPS\$CMODKRNLX MPS\$COLDSTART MPS\$COMPAT MPS\$C INV_NACK MPS\$DCL MPS\$END MPS\$EXCPTN	00001A80-R 00001A58-R	MPINT MPCMOD MPCMOD MPERRLOG MPINTEXC MPDAT MPLOAD MPLOAD	MPLOAD MPSCBVEC MPLOAD MPINIT MPSCBVEC MPINT				
MPS\$GB_CPUDATA MPS\$GL_BADTIMOUT MPS\$GL_BUGCHECK MPS\$GL_CH1OLD MPS\$GL_CH2OLD MPS\$GL_CHSTATE MPS\$GL_CPTIMOUT MPS\$GL_CRDCNT	00001C3C-R 00001174-R 0000006C 00002D65-R 00002C00-R 00001A47-R 000001C4-R 000001C4-R 000001C4-R 000001C4-R 000001A0-R 000001C0-R 000001A0-R	MPCMOD MPINIT MPMCHECK MPDAT MPMCHECK MPMCHECK MPMCHECK MPMCHECK MPMCHECK	MPINT				
MPS\$GL_CSBITA MPS\$GL_CURPCB	00000198-R 000000C0-R	MPMCHĒCK MPDAT	MPCMOD MPSCHED	MPINT MPTIMER	MPLOAD MPWAIT		
MPS\$GL_ERLBUFIND MPS\$GL_ERLSEQNUM MPS\$GL_INTERLOCK	000000F4-R 000000F8-R 000000E8-R	MPDAT MPDAT MPDAT	MPERRLOG MPERRLOG MPAST MPINT	MPINT MPCMOD MPLOAD	MPINIT MPPWRFAIL		

_\$255\$DUA28:[MP.OB	J]MP.EXE;1		G 11 16-SEP-1984 04:14	VAX-11 Linker VO	4-00	Page	13
Symbol	Value	Defined By	Referenced By				
MPS\$GL_INVALID MPS\$GL_INV_NACK MPS\$GL_ISP MPS\$GL_MPMIIR	000000D8-R 00000108-R 00000DBC-R 000000DC-R	MPDAT MPDAT MPINIT MPDAT	MPSCHED MPINT MPINT MPLOAD MPINT	MPTIMER MPSCHED	MPWAIT		
MPSSGL_NULLCPU MPSSGL_PFAILTIM	00000124-R 000000EC-R	MPDAT MPDAT	MPLOAD MPINIT MPSCHED	MPLOAD MPTIMER MPINT MPTIMER	MPPWRFAIL		
MPS\$GL_POOLDSC MPS\$GL_PRIMSKC MPS\$GL_PRIMSKT MPS\$GL_SAVEDAP MPS\$GL_SCBB MPS\$GL_SCNDMSKC MPS\$GL_SCNDMSKC	00000000-R 000000C8-R 000000CC-R 000000FC-R	MPLOAD MPDAT MPDAT MPDAT MPINIT	MPINT MPINT MPINIT	MPLOAD MPLOAD			
MPSSGL_SCHB MPSSGL_SCHDMSKC MPSSGL_SCHDMSKT MPSSGL_SECREQFLG	00000DC0-R 000000D0-R 00000D04-R 000000F0-R	MPINIT MPDAT MPDAT MPDAT	MPLOAD MPINIT MPINIT MPERRLOG MPWAIT	MPINT MPINT MPINT	MPSCHED		
MPS\$GL_STATE	000000C4-R	MPDAT	MPAST MPLOAD MPTIMER	MPINIT MPPWRFAIL MPWAIT	MPINT MPSCHED		
MPS\$GL_STOPFLAG MPS\$GL_STRTVA MPS\$GQ_MPSTRTIM MPS\$GW_BUGCHKCOD MPS\$GW_REENAB MPS\$GW_WATCH MPS\$HOOKTBL	000000E4-R 00000DB8-R 00000100-R 000014A0-R 000001B8-R 000001BA-R 0000000C-R	MPDAT MPINIT MPDAT MPINT MPMCHECK MPMCHECK MPLOAD	MPINIT MPLOAD MPLOAD	MPINT	MPLOAD		
MPSSHWCLKINT MPSSINT54 MPSSINT58 MPSSINT5C MPSSINT60	00000188-R 0000018A-R 0000000C-R 00001354-R 0000209C-R 00002088-R 00001F70-R 00001F84-R	MPLOAD MPTIMER MPMCHECK MPMCHECK MPMCHECK MPMCHECK	MPSCBVEC MPSCBVEC MPLOAD MPSCBVEC MPSCBVEC	MPSCBVEC			
MPS\$INTPRIM MPS\$INTSCND MPS\$INVALID MPS\$KERSTKNV MPS\$LOAD MPS\$LOADK MPS\$LOGAWE MPS\$LOGCRD MPS\$LOGCRD	00001477-R 0000147F-R 00001590-R 0000116C-R 00002E2D-R 00002E79-R 00001F84-R 0000209C-R 00002088-R 00001F70-R 00001420-R 0000198-R	MPINT MPINT MPINT MPINTEXC MPLOAD MPLOAD MPMCHECK MPMCHECK MPMCHECK	MPERRLÖG MPAST MPLOAD MPSCBVEC	MPPWRFAIL MPLOAD	MPSCHED		
MPSSLOGSBF MPSSMAINIT MPSSMCHK MPSSMCHK_ERRCNT	00001F70-R 00001420-R 00001CE0-R 00000198-R	MPMCHECK MPINT MPMCHECK MPMCHECK	MPINIT MPSCBVEC	MPLOAD			
MPSSMPSCRED MPSSMPSCHED1 MPSSMPSCHED2	000019A8-R 000019C1-R 000019B5-R	MPSCHED MPSCHED MPSCHED	MPSCBVEC MPINIT MPCMOD MPTIMER	MPINTEXC MPWAIT	MPMCHECK		
MPSSOUTCHAR MPSSOUTZSTRING MPSSPINTSR	00000DFC-R 00000E57-R 00001488-R	MPINIT MPINIT MPINT	MPLOAD	in what			

C

_\$255\$DUA28:[MP.OBJ]MP.EXE;1			H 11 16-SEP-1984 04:14	VAX-11 Linker V04-00		Page	14
Symbol	Value	Defined By	Referenced By				
MPS\$POWERFAIL MPS\$QAST	00000F34-R 00001240-R	MPPWRFAIL MPAST MPMCHECK	MPSCBVEC MPLOAD				
MPS\$RELEASEMB MPS\$RESCHED MPS\$RESCHEDIPL5 MPS\$RPB_WAIT MPS\$SCHED MPS\$SCHEDIPL5	00000F34-R 00001240-R 00002034-R 00001C32-R 000018D8-R 000017E0-R 00003114-R 000018FE-R 000018FE-R	MPERRIOG	MPINTEXC MPLOAD MPLOAD	MPMCHECK			
MPS\$RPB WAIT MPS\$SCHED MPS\$SCHEDIPL5	00003114-R 000018FE-R 0000184D-R	MPSCHED MPSCHED MPLOAD MPSCHED MPSCHED MPSCHED	MPLOAD				
MPS\$SCHSCND MPS\$SECBUGCHK	00001030-K	MPSCHED MPINT	MPCMOD MPMCHECK	MPINIT	MPINTEXC		
MPS\$SINTSR MPS\$STRTVA	000014F4-R 00000C84-R	MPINT MPINIT	MPLOAD				
MPS\$SWTIMINT	000013D4-R	MPINIT MPTIMER MPDAT	MPSCBVEC MPINT				
MPSST INV NACK MPSSUNEXPINT MPSSUNHOOK MPSSUNLOAD	000014F4-R 00000C84-R 000013D4-R 00000128-R 00001124-R 000011DC-R 00003135-R 000016FA-R 000016FA-R 000016FA-R 000016B-R 00001692-R 00001692-R 00001692-R 00001692-R 80003FC4 80003FC8 80003FC8 80003FB0 80003FB0	MPINTEXC MPLOAD MPLOAD MPLOAD MPWAIT	MPLOAD MPINT				
MPSSUNLOADK MPSSWAITCK MPSSWAITCONT	00003155-R 00001746-R 000016FA-R	MPWAIT MPWAIT	MPSCHED				
MPS\$WAITFR MPS\$WARMSTART	0000169C-R	MPWAIT MPWAIT MPERRLOG	MPCMOD MPINIT				
MPSSWFLAND MPSSWFLOR	0000168B-R	MPWAIT MPWAIT	MPCMOD MPCMOD				
MPS\$XDELTAINT	00000F30-R	MPINIT	MPSCBVEC				
PFNSAB_STATE PFNSAB_TYPE	80003FC8	SYS	XDELTA XDELTA				
PFNSAL_BAK PFNSAL_PTE PFNSAW_REFCNT	80003FAC	SYS	XDELTA XDELTA				
PFNSAW_SWPVBN	80003F84 80003FC0	SYS SYS	XDELTA XDELTA				
PFNSAW_SWPVBN PFNSAX_BLINK PFNSAX_FLINK	80003F C0 80003FBC 80003FB8 00000012 00000014 00000200-R	SYS SYS	XDELTA				
PR\$_IP[PR\$_SIRR SCB\$AL_BASE SCH\$AQ_COMH	00000012	SYS SYS\$PRDEF	XDELTA MPPWRFAIL MPPWRFAIL				
SCBSAL_BASE	00000200-R	MPSCBVEC	MPLOAD MPSCHED	XDELTA			
SCHSAQ COMT SCHSASTDEL SCHSGB_PRI	80001F74 80001F78 80009D90 80002244 800021FC 800021F8	SYS SYS SYS	MPLOAD MPINTEXC	MPSCHED			
SCHSGL_COMQS	80002244 800021FC	SYS	MPSCHED MPAST	MPLOAD	MPSCHED		
SCH\$GL_CURPCB		SYS	MPAST MPAST XDELTA	MPSCHED	MPTIMER		
SCHSGL_NULLPCB	800024A8	SYS	MPDAT MPTIMER	MPLOAD	MPSCHED		
SCHSGL_PCBVEC SCHSGQ_LEFWQ	80002988 800021A4	SYS	MPAST MPWAIT	XDELTA			
SCHSGQ_LEFWQ SCHSGW_IOTA SCHSGW_QUAN	80003CC2 80003C82 8000A4A7	SYS SYS SYS SYS SYS	MPWAIT MPTIMER				
SCH\$QEND	8000A4A7	242	MPTIMER				

```
J 11
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      _$255$DUA28:[MP.OBJ]MP.EXE:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Page
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16
                                                                                                                                                                                                                                                                                                                                                                                      Symbols By Value
    Value
                                                                                                                                                                                                                                                                                                               Symbols...
 00000000
00000002
00000003
00000004
00000005
00000006
00000007
                                                                                                                EVTS AST
CMKSC ADJUSTK
CMKSC ADJUSTC
CMKSC ALCONP
CMKSC ASCEFC
CMKSC ASSIGN
CMKSC CANCEL
CMKSC CANCEL
CMKSC CANTIM
CMKSC CANWAK
CMKSC CANWAK
CMKSC CHRPAC
CMKSC C
                                                                                                                                                                                                                                                                                        R-MPS$BEGIN
STR$_NORMAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        R-MPS$GL_POOLDSC
                                                                                                                                                                                                                                                                                                     EXESV_CRDENABL
    80000008
    00000009
    A000000A
    0000000B
    00000000
                                                                                                                                                                                                                                                                                        R-MPS$HOOKTBL
    00000000
    000000E
0000000E
000000010
00000011
00000013
00000014
00000015
00000016
00000018
                                                                                                                                                                                                                                                                                                   PR$_IPL
EXE$V_SSINHIBIT
EXE$C_CMSTKSZ PR$_SIRR
  00000019
00000019
0000001B
0000001D
0000001D
0000001F
00000020
00000021
00000023
00000024
00000025
00000027
    00000020
  0000002b
0000002E
    0000002F
   00000030
```

R-MPS\$WAITCK

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MI

7FFE1E00 7FFEDE18 7FFEDE90

7FFEDF48

7FFEDF50

7FFEDF50 7FFEDFA0 7FFEDFF8 7FFEE118 7FFEE148 7FFEE1C0 7FFEE1C0 7FFEFE30 7FFEFF25 7FFEFF25 7FFEFF58 80001F74 800021A4 800021F8 800021FC 80002244

SYS\$CMKRNL

SYSSEXPREG

SYS\$LKWSET SYS\$SETAST SYS\$SRCHANDLER

SYS\$SRCHANDLER
SYS\$PUT
SYS\$WAIT
SYS\$CONNECT
SYS\$CREATE
CTL\$GL_CMHANDLR
CTL\$GB_SSFILTER
CTL\$GL_PCB
SCH\$AQ_COMH
SCH\$AQ_COMT
SCH\$GQ_LEFWQ
SCH\$GL_CURPCB
SCH\$GL_CURPCB
SCH\$GL_COMQS
SCH\$GB_PRI

SYS\$FAO

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M

Value EXESGL_CONFREGL
MMGSGL_SBICONF
EXESGL_NUMNEXUS
SCHSGL_NULLPCB
SCHSGL_PCBVEC
EXESGL_FLAGS
EXESGL_ABSTIM
EXESGQ_SYSTIME
EXESGL_SHBLIST
EXESGL_MCHKERRS
EXESGL_MEMERRS
EXESGL_MP
EXESINIBOOTADP
EXESGQ_TODCBASE ----80002308 80002308 8000230C 800024A8 80002988 80002980 80002C3C 80002C3C 80002C3C 80002C3C 80003C3C 80003C3C 80003F80 80004720 80004738 80004738 80004738 8000479C EXESGL MP
EXESINIBOOTADP
EXESGQ_TODCBASE
EXESGL_TODR
SCHSGW_QUAN
SCHSGW_IOTA
MMGSGL_SPTBASE
EXESGL_RPB
EXESGL_SCB
EXESGB_CPUDATA
EXESGB_CPUTYPE
PFNSAL_PTE
PFNSAL_PTE
PFNSAW_REFCNT
PFNSAW_REFCNT
PFNSAW_SWPVBN
PFNSAW_SWPVBN
PFNSAW_SWPVBN
PFNSAW_SWPVBN
PFNSAW_SWPVBN
PFNSAW_SWPVBN
PFNSAW_SWPVBN
PFNSAW_SWPVBN
PFNSAB_TYPE
MPHSBUGCHKHK
EXESCMODUSER
EXESCMODUSER
EXESCMODUSER
EXESCMODUSER
EXESCMODUSER
EXESCMODUSER
EXESCMODUSER
EXESCMODUSER
EXESCMODUSER
EXESSTAIL
EXESEXCEPTION
MPHSBUGCHKHK
MPHSBUGCHKHK
MPHSASTDEL
MPHSASTDEL
MPHSASTDEL
MPHSASTDELCONT
MPHSQEMPTYCONT
MPHSQAST
MPHSASTDELIVIHK MPH\$QAST MPH\$NEWLVLHK SCH\$RSE SCH\$QEND MPHSRESCHED MPHSSCHED EXESALONONPAGED EXESDEANONPAGED SCH\$WAIT

ERLSALLOCEMB

Symbols...

MF

L1

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* - Undefined
U - Universal
R - Relocatable
X - External

```
F 12
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$255$DUA28:[MP.OBJ]MP.EXE:1
                                                                                                                     VAX-11 Linker V04-00
                                                                                                                                                                         25
                                                                                                                                                                Page
                                                                   Image Synopsis
Virtual memory allocated:
                                                                  00000000 000043FF 00004400 (17408. bytes, 34. pages)
Stack size:
                                                                          20. pages
Image header virtual block limits:
Image binary virtual block limits:
                                                                                                 1. block)
33. blocks)
                                                                                       34.
Image name and identification:
Number of files:
Number of modules:
                                                                  MP V04-000
Number of program sections:
Number of global symbols:
Number of cross references:
Number of image sections:
                                                                          36.
                                                                  00002065
User transfer address:
Image type:
                                                                  EXECUTABLE
                                                                  FULL WITH CROSS REFERENCE in file _$255$DUA28:[MP.LIS]MP.MAP;1 193. blocks
Map format:
Estimated map length:
                                                               Link Run Statistics !
Performance Indicators
                                                                  Page Faults
                                                                                    CPU Time
                                                                                                         Elapsed Time
                                                                                                         00:00:02.48
00:00:17.50
00:00:01.34
                                                                                    00:00:00.68
     Command processing:
                                                                                    00:00:03.60
00:00:00.35
00:00:01.71
     Pass 1:
     Allocation/Relocation:
                                                                                                         00:00:08.12
00:00:03.50
00:00:02.24
00:00:35.18
     Pass 2:
                                                                                    00:00:03.24
     Map data after object module synopsis:
     Symbol table output:
                                                                                    00:00:09.83
Total run values:
Using a working set limited to 1500 pages and 102 pages of data storage (excluding image)
Total number object records read (both passes): 1147
of which 520 were in libraries and 30 were DEBUG data records containing 956 bytes
Number of modules extracted explicitly
     with 16 extracted to resolve undefined symbols
105 library searches were for symbols not in the library searched
A total of 25 global symbol table records was written
LINK/NOTRACE/NOSYSSHR/EXE=EXE$:MP/MAP=MAP$:MP/FULL/CROSS/SYMBOL=EXE$:MP OBJ$:MP.OLB/INCLUDE=(MPDAT,MPINIT,MPINT,MPINTEXC,MPCMOD,MPWA
IT, MPLOAD, MPAST, MPPWRFAIL, MPSCBVEC, MPSCHED, MPTIMER, MPERRLOG, MPMCHECK, XDELTA, MPERRMSG), OBJ$: MP. OLB/LIBRARY, EXSM: SYS. STB/SEL, SYS$INPUT
/OPTION
CLUSTER=LOADABLE.O
CLUSTER=OTHER
CLUSTER=LIBRTN
COLLECT=LOADABLE, $$$$$$BEGIN, $$$$MPDATA, $$$005CB, $$$ERLBUF, $$$INTSTK, -
          $AAEXENONPAGED, $AEXENONPAGED, $AEXNONPAGED, A$EXENONPAGED, A$EXENONPAGED, -
AEXENONPAGED, MP$CMOD1, MP$CMOD2, MP$SYSSRV, MPPFM, WIONONPAGED, -
Y$MPDATAO, Y$MPDATA1, Y$MPDATA2, Y$MPDATA3, Y$MPDATA4, YY$MPCODE, -
```

_\$255\$DUA28:EMP.OBJ]MP.EXE:1 16-SEP-1984 04:14 VAX-11 Linker V04-00 Page 26

Z\$DEBUGXDELTA_END

COLLECT=DIHER, MPLOADCOLLECT=LIBRIN_\$CODE\$,_LIB\$DATA,_STR\$DATA,_LIB\$CODE,_STR\$CODE

0247 AH-BT13A-SE

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